

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| L1 | 5036 | 216/27.CCLS. OR 216/41.ccls. or 216/47.ccls. or 216/46.ccls. or 216/58.ccls. or 216/83.ccls. or 216/56.ccls. or 216/47.ccls. or 347/47.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/11 16:19 |
| L2 | 636 | 1 and (recording with head) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/11 16:21 |
| L3 | 70 | 2 and (under with (etch\$3 or cut\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/11 16:22 |
| S1 | 16690 | "recording head".ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:58 |
| S2 | 7306 | "recording head".ti. and jet | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:58 |
| S3 | 141 | ("recording head".ti. and jet) and (chamber or pool or reservoir).detd. and nozzle.detd. and mask.detd. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:58 |
| S4 | 307594 | "99" and @py<"2000" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:58 |
| S5 | 173 | ("recording head".ti. and jet) and nozzle.detd. and mask.detd. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:58 |
| S6 | 39772 | "recording head".ti. or "recording head".ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:58 |

| | | | | | | |
|-----|------|---|---|----|----|------------------|
| S7 | 196 | ("recording head".ti. or "recording head".ab.) and (chamber or pool).dtd. and nozzle.dtd. and mask. dtd. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:58 |
| S8 | 205 | ("recording head".ti. or "recording head".ab.) and (chamber or pool or reservoir).dtd. and nozzle. dtd. and mask.dtd. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:58 |
| S9 | 90 | ((("recording head".ti. or "recording head".ab.) and (chamber or pool or reservoir).dtd. and nozzle.dtd. and mask. dtd.) not ((("recording head".ti. or "recording head".ab.) and (chamber or pool or reservoir).dtd. and nozzle.dtd. and mask. dtd.) and (silica or "'sio.sub.2'") and (sin or "silicon nitride")))) and "<110>" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:58 |
| S10 | 255 | ((("recording head" or "recording head") same "ink jet") and (chamber or pool or reservoir).dtd. and nozzle.dtd. and mask. dtd. and (silicon or si)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:58 |
| S11 | 4878 | (chamber or pool or reservoir or bath).dtd. and nozzle.dtd. and mask.dtd. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:58 |
| S12 | 1690 | ((chamber or pool or reservoir or bath).dtd. and nozzle.dtd. and mask.dtd.) and "ink jet" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:58 |
| S13 | 1224 | ((chamber or pool or reservoir or bath).dtd. and nozzle.dtd. and mask.dtd.) and "ink jet") and (etch or etching or etched or etches or etching) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:58 |
| S14 | 307 | ((((chamber or pool or reservoir or bath).dtd. and nozzle.dtd. and mask.dtd.) and "ink jet") and (etch or etching or etched or etches or etching)) and '110' and '111' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:58 |
| S15 | 138 | ("recording head".ti. and jet) and (chamber or pool).dtd. and nozzle.dtd. and mask.dtd. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:59 |

| | | | | | | |
|-----|-----|--|---|----|----|------------------|
| S16 | 38 | ((("recording head".ti. and jet) and (chamber or pool).dtd. and nozzle.dtd. and mask.dtd.) and @py<"2000" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:59 |
| S17 | 38 | ((("recording head".ti. and jet) and (chamber or pool or reservoir).dtd. and nozzle.dtd. and mask.dtd.) and @py<"2000" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:59 |
| S18 | 6 | ((("recording head".ti. and jet) and (chamber or pool or reservoir).dtd. and nozzle.dtd. and mask.dtd.) and @py<"2000") and (silica or "sio.sub.2") and (sin or "silicon nitride") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:59 |
| S19 | 30 | ((("recording head".ti. or "recording head".ab.) and (chamber or pool or reservoir).dtd. and nozzle.dtd. and mask.dtd.) and (silica or "sio.sub.2") and (sin or "silicon nitride")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:59 |
| S20 | 157 | ((("recording head".ti. or "recording head".ab.) and (chamber or pool or reservoir).dtd. and nozzle.dtd. and mask.dtd.) not (((("recording head".ti. or "recording head".ab.) and (chamber or pool or reservoir).dtd. and nozzle.dtd. and mask.dtd.) and (silica or "sio.sub.2") and (sin or "silicon nitride")))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:59 |
| S21 | 57 | ((("recording head".ti. or "recording head".ab.) and (chamber or pool or reservoir).dtd. and nozzle.dtd. and mask.dtd.) not (((("recording head".ti. or "recording head".ab.) and (chamber or pool or reservoir).dtd. and nozzle.dtd. and mask.dtd.) and (silica or "sio.sub.2") and (sin or "silicon nitride")))) and "<110>" and "<111>" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:59 |
| S22 | 8 | ("recording head".ti. or "recording head".ab.) and (chamber or pool or reservoir).ti. and nozzle.dtd. and mask.dtd. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:59 |

| | | | | | | |
|-----|-----|--|--|----|-----|------------------|
| S23 | 59 | (("recording head".ti. or "recording head".ab.) and (chamber or pool or reservoir).dtd. and nozzle. dtd. and mask.dtd. and (silicon or si)) and '110' and '111' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:59 |
| S24 | 60 | (("recording head".ti. or "recording head".ab.) and (chamber or pool or reservoir).dtd. and nozzle. dtd. and mask.dtd. and (silicon or si)) not (((("recording head".ti. or "recording head".ab.) and (chamber or pool or reservoir).dtd. and nozzle.dtd. and mask. dtd. and (silicon or si)) and '110' and '111') | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:59 |
| S25 | 6 | ((("recording head" or "recording head") same "ink jet") and (chamber or pool or reservoir). dtd. and nozzle.dtd. and mask. dtd. and (silicon or si)) and (comb or ladder).dtd. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:59 |
| S26 | 102 | ("recording head" same "ink jet"). dtd. and (comb or ladder).dtd. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:59 |
| S27 | 16 | (("recording head" same "ink jet"). dtd. and (comb or ladder).dtd.) and mask | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:59 |
| S28 | 2 | (("6273558") or ("5381171")).PN. | USPAT; USOCR | OR | OFF | 2003/09/29 17:59 |
| S29 | 3 | (("5992974") or ("5992974")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/09/29 17:59 |
| S30 | 2 | us-20010004805-\$ did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 17:59 |
| S31 | 5 | (US-5984458-\$ or US-5922218-\$ or US-5578417-\$ or US-5502470-\$ or US-5126768-\$).did. | USPAT | OR | OFF | 2003/09/29 18:02 |
| S32 | 222 | ("recording head".ti. or "recording head".ab.) and (118/715.ccls. or 156/345.29.ccls. or 216/67.ccls. or 347/45.ccls. or 347/65.ccls. or 347/68.ccls. or 216/72.ccls.) | USPAT | OR | OFF | 2003/09/29 18:04 |

| | | | | | | |
|-----|------|---|---|----|----|------------------|
| S33 | 4858 | 216/27.ccls. or 216/41.ccls. or 216/47.ccls. or 216/46.ccls. or 216/58.ccls. or 216/83.ccls. or 216/56.ccls. or 347/47.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/17 15:16 |
| S34 | 2883 | (216/27.ccls. or 216/41.ccls. or 216/47.ccls. or 216/46.ccls. or 216/58.ccls. or 216/83.ccls. or 216/56.ccls. or 347/47.ccls.) and (nozzle or jet or chamber or bath or reservoir) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/17 15:20 |
| S35 | 1249 | (216/27.ccls. or 216/41.ccls. or 216/47.ccls. or 216/46.ccls. or 216/58.ccls. or 216/83.ccls. or 216/56.ccls. or 347/47.ccls.) and (nozzle or jet) and (chamber or bath or reservoir) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/17 15:20 |
| S36 | 927 | (216/27.ccls. or 216/41.ccls. or 216/47.ccls. or 216/46.ccls. or 216/58.ccls. or 216/83.ccls. or 216/56.ccls. or 347/47.ccls.) and (nozzle or jet) and ((chamber or bath or reservoir) with ink) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/17 15:41 |
| S37 | 1 | (216/51.ccls. or 216/42.ccls. or 216/96.ccls. or 216/99.ccls.) and (nozzle or jet) and ((chamber or bath or reservoir) with ink) not ((216/27.ccls. or 216/41.ccls. or 216/47.ccls. or 216/46.ccls. or 216/58.ccls. or 216/83.ccls. or 216/56.ccls. or 347/47.ccls.) and (nozzle or jet) and ((chamber or bath or reservoir) with ink)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/17 15:43 |
| S38 | 20 | ((216/27.ccls. or 216/41.ccls. or 216/47.ccls. or 216/46.ccls. or 216/58.ccls. or 216/83.ccls. or 216/56.ccls. or 347/47.ccls.) and (nozzle or jet) and ((chamber or bath or reservoir) with ink)) and (mask with under) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/17 16:49 |

| | | | | | | |
|-----|----|--|---|----|----|------------------|
| S39 | 48 | ((216/27.ccls. or 216/41.ccls. or 216/47.ccls. or 216/46.ccls. or 216/58.ccls. or 216/83.ccls. or 216/56.ccls. or 347/47.ccls.) and (nozzle or jet) and ((chamber or bath or reservoir) with ink)) and (etch\$3 with under) not (((216/27. ccls. or 216/41.ccls. or 216/47. ccls. or 216/46.ccls. or 216/58. ccls. or 216/83.ccls. or 216/56. ccls. or 347/47.ccls.) and (nozzle or jet) and ((chamber or bath or reservoir) with ink)) and (mask with under)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/17 16:50 |
|-----|----|--|---|----|----|------------------|